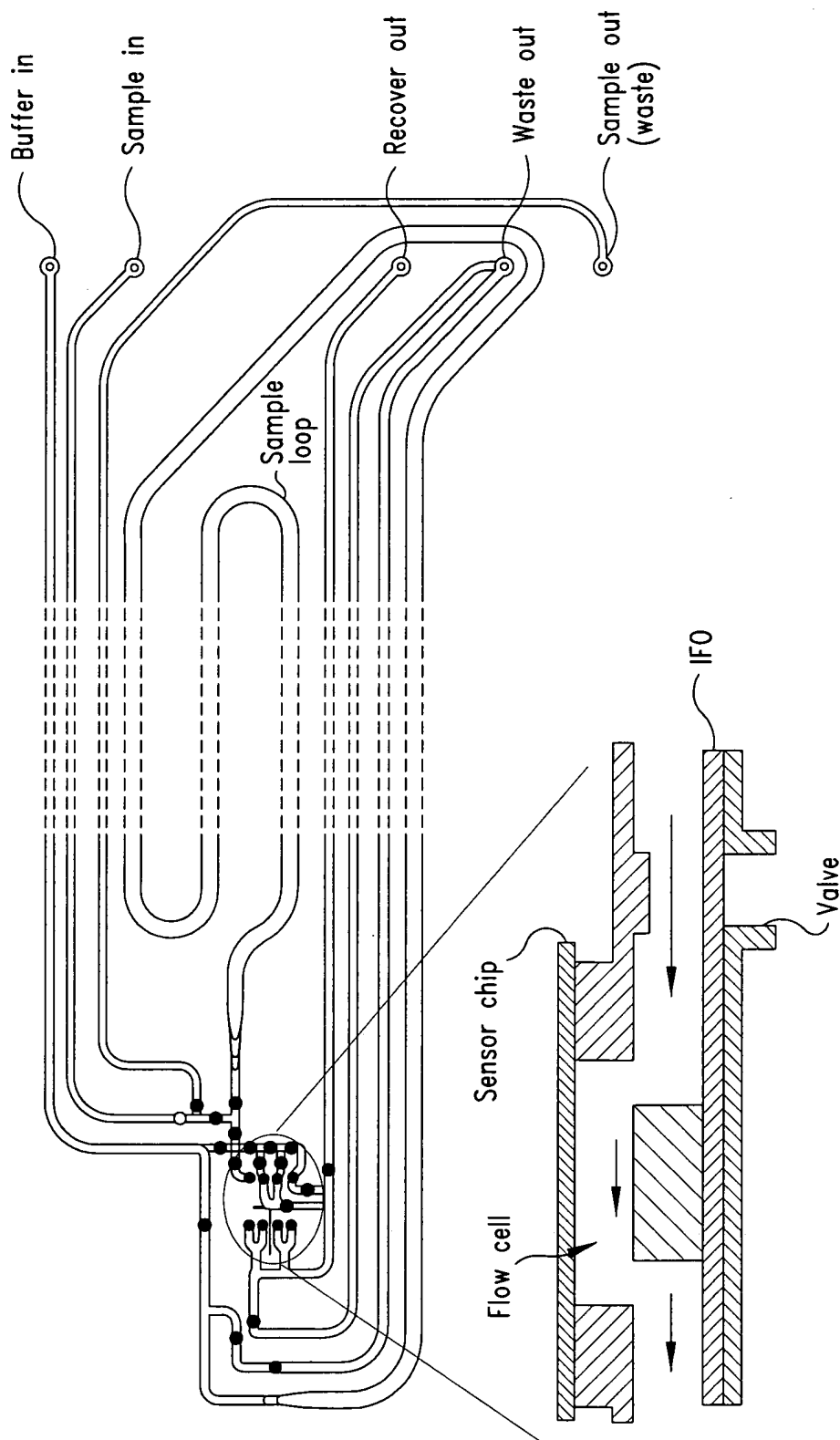




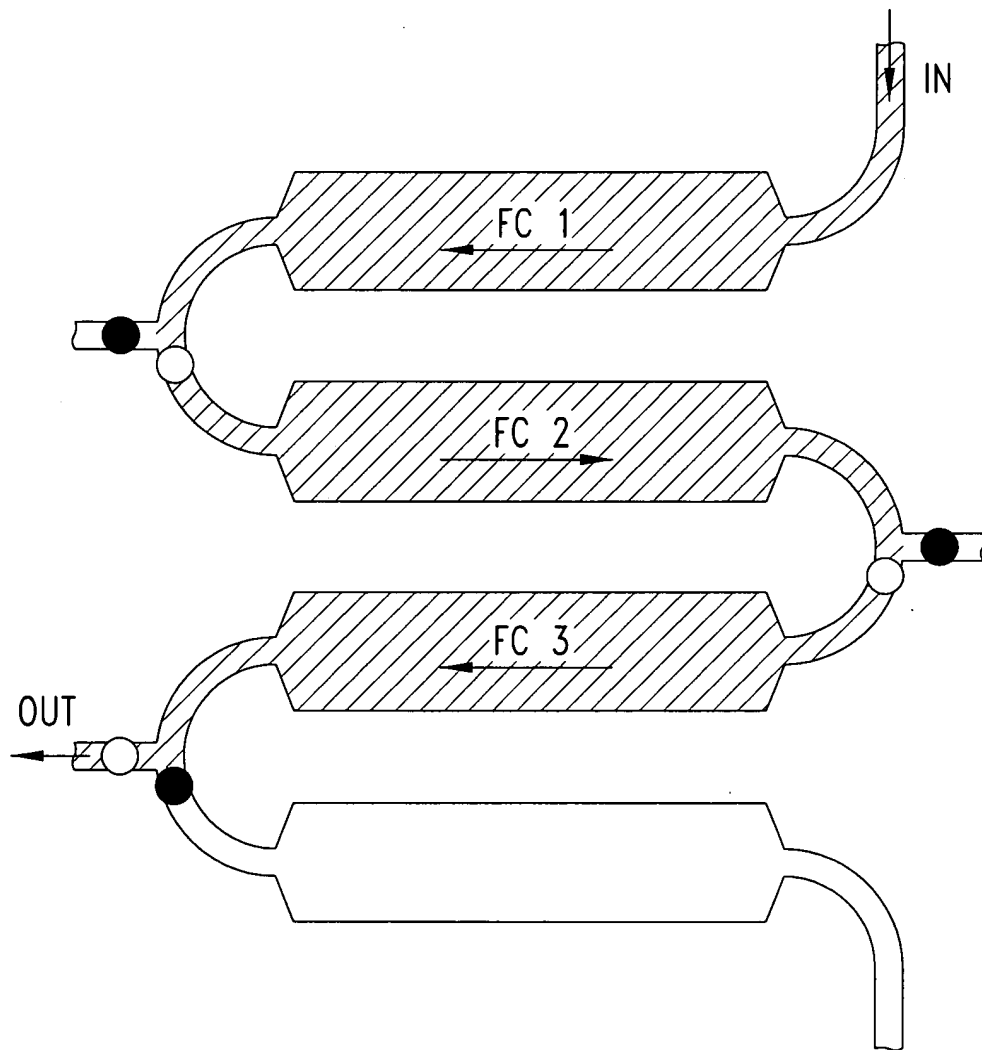
Serial No. 09/760,213      Docket No. 740073.404C1

Inventor(s): Magnus Malmqvist et al.

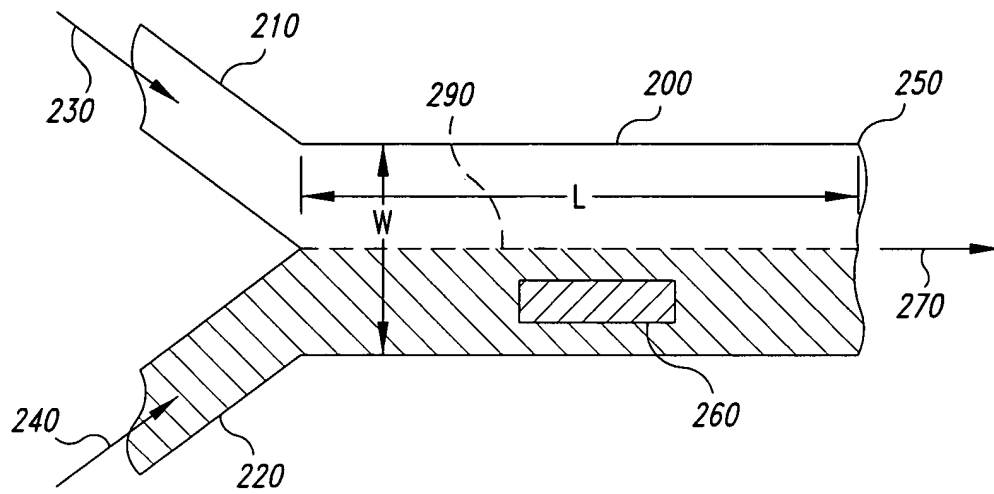
Express Mail No. EV719389768US



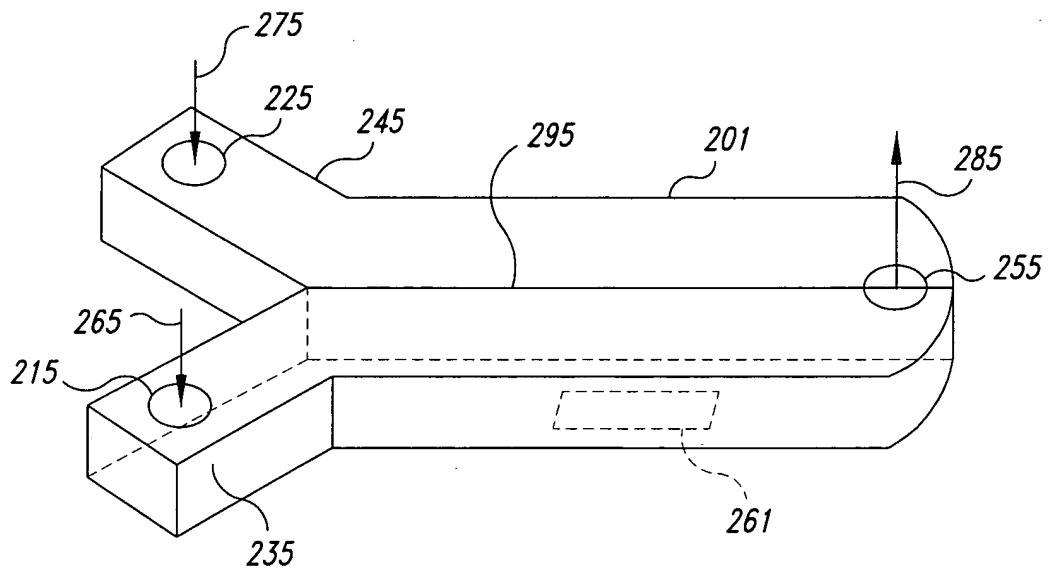
*Fig. 1A*  
(PRIOR ART)



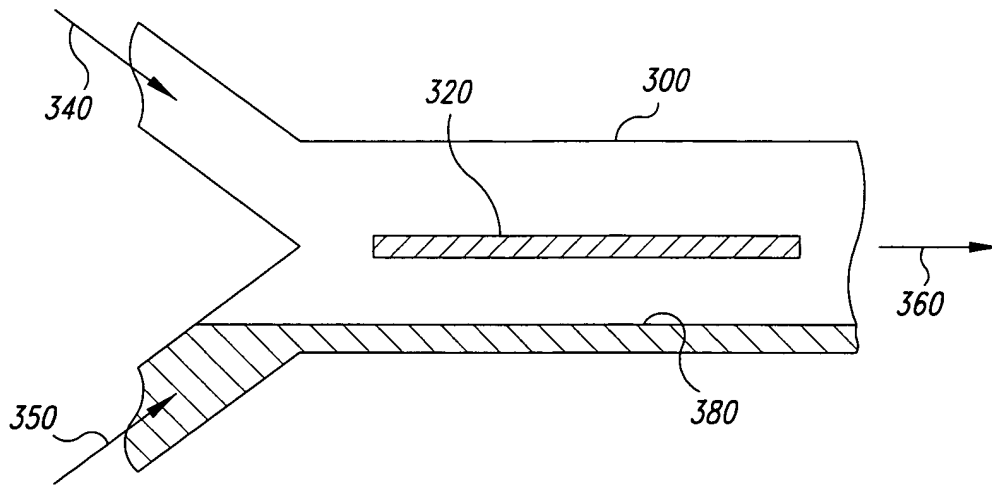
*Fig. 1B*  
(PRIOR ART)



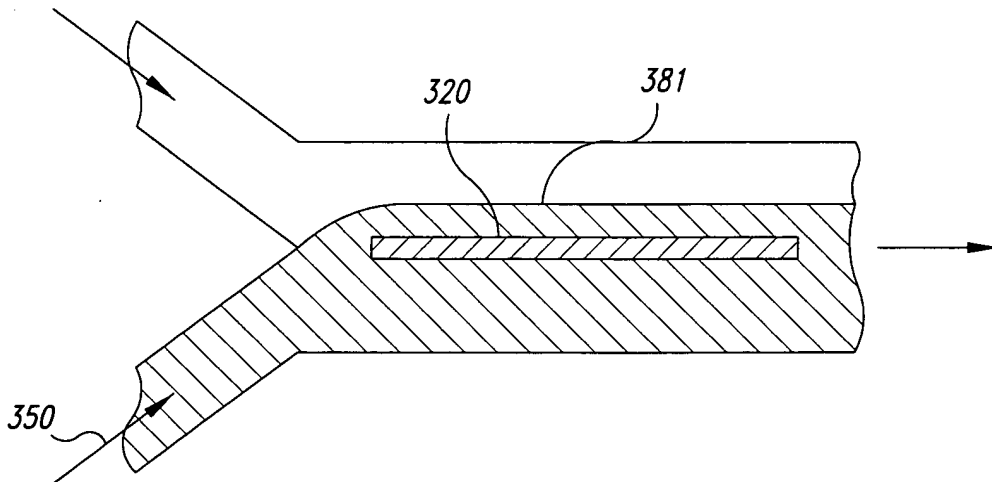
*Fig. 2A*



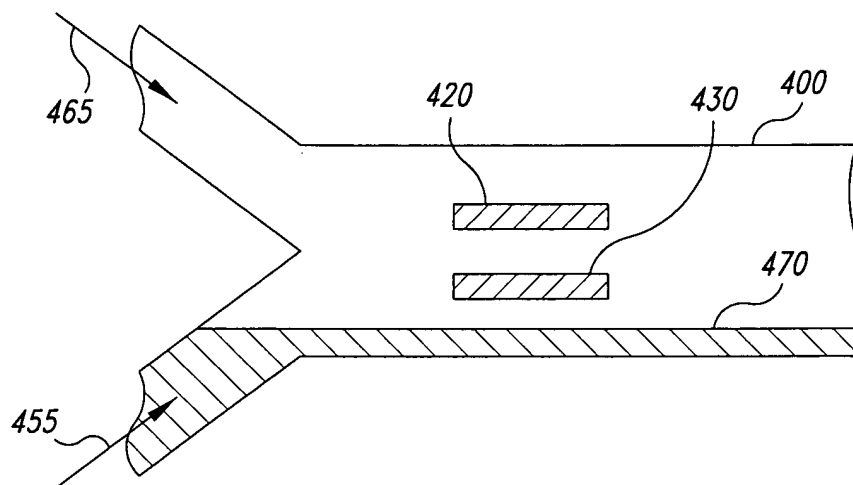
*Fig. 2B*



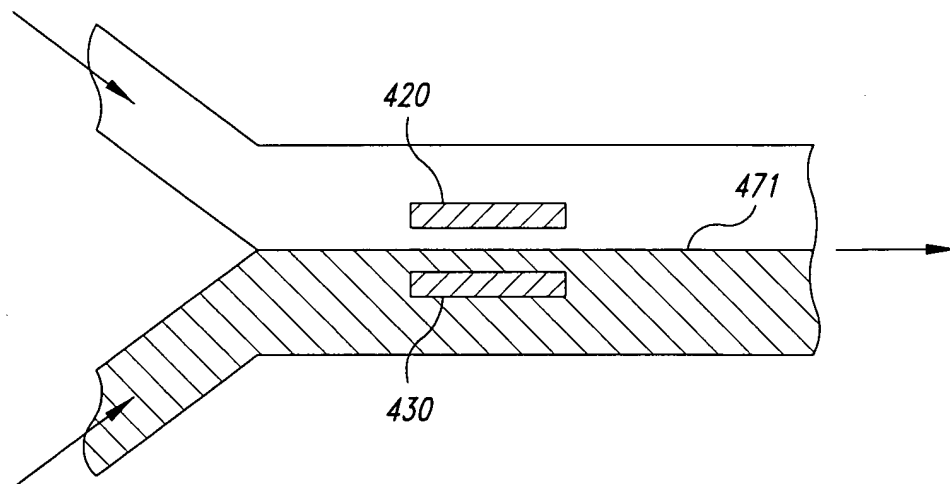
*Fig. 3A*



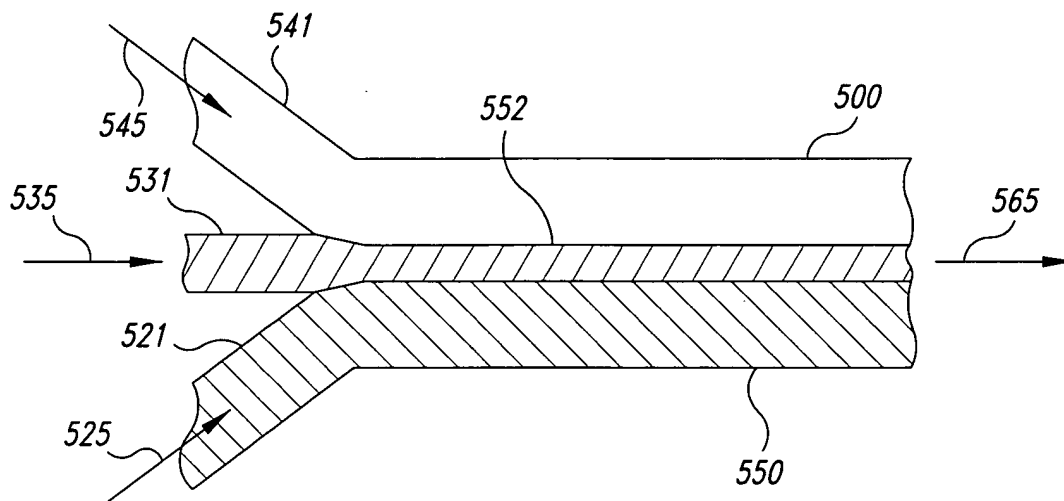
*Fig. 3B*



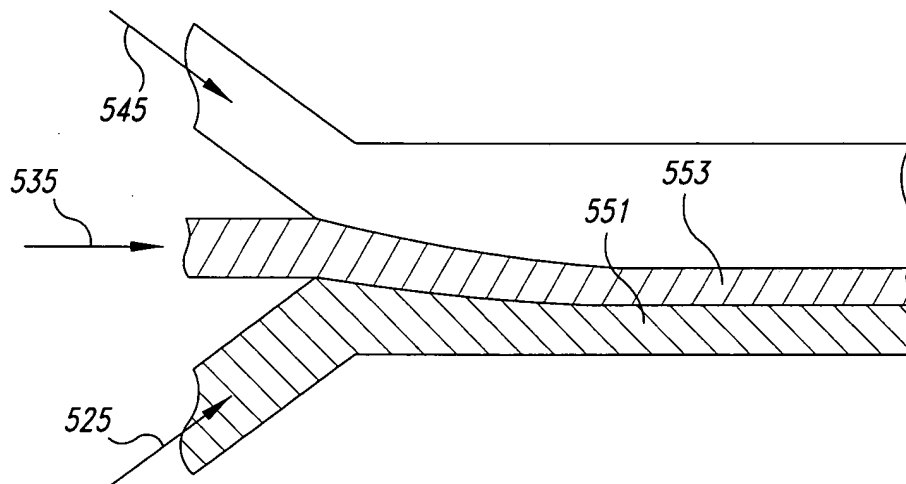
*Fig. 4A*



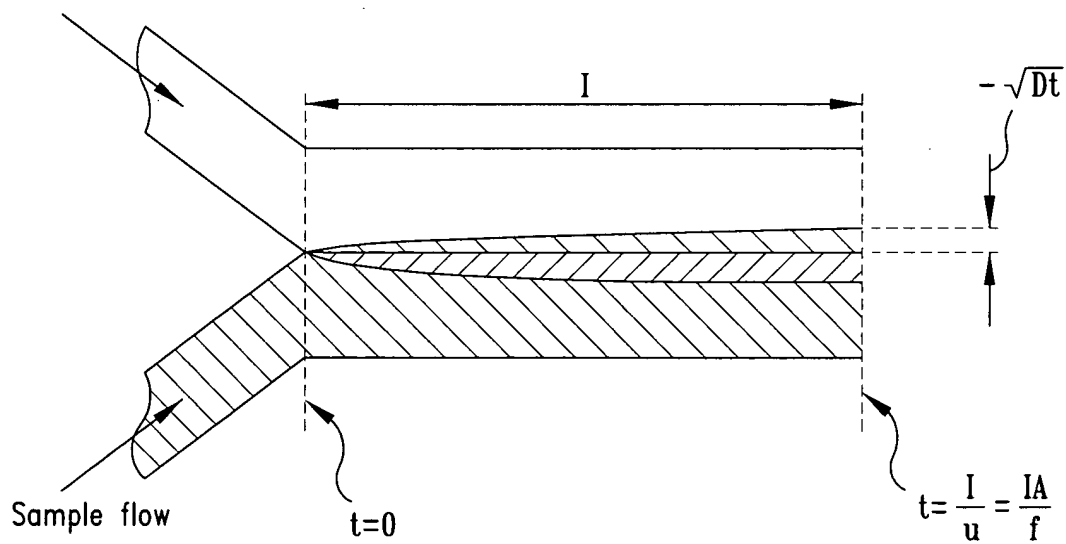
*Fig. 4B*



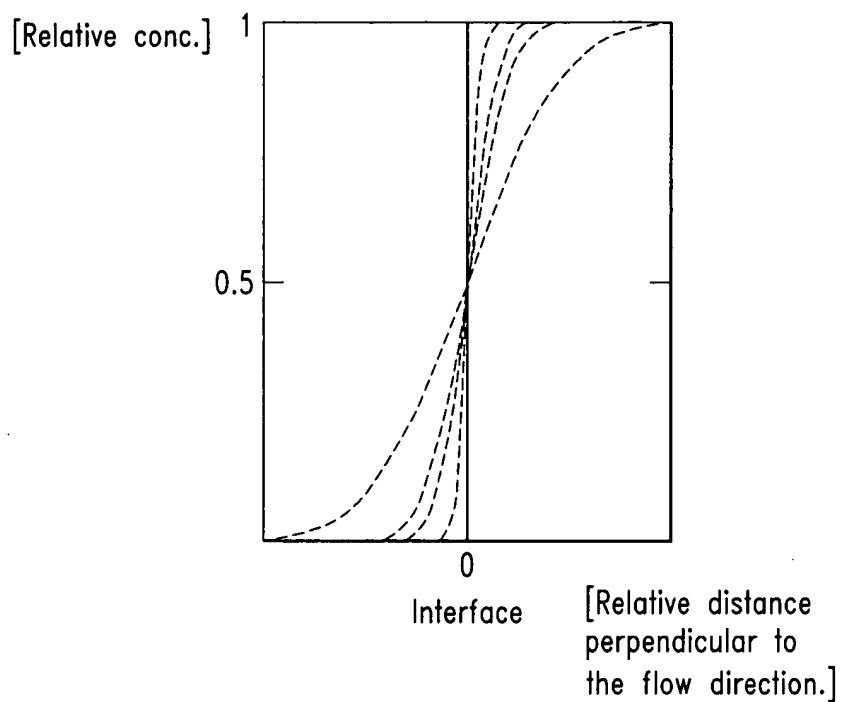
*Fig. 5A*



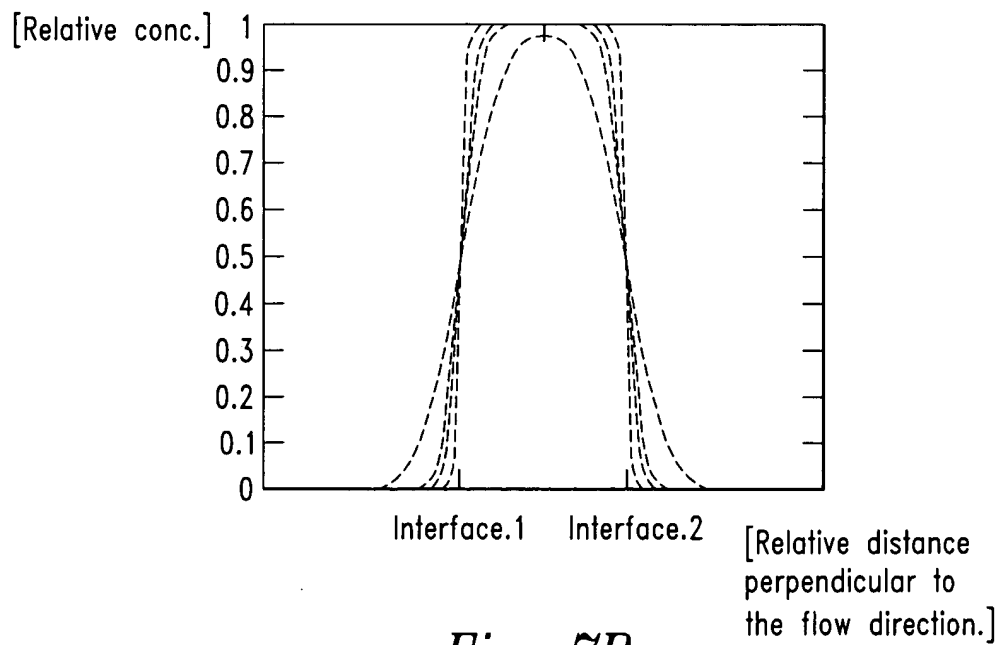
*Fig. 5B*



*Fig. 6*

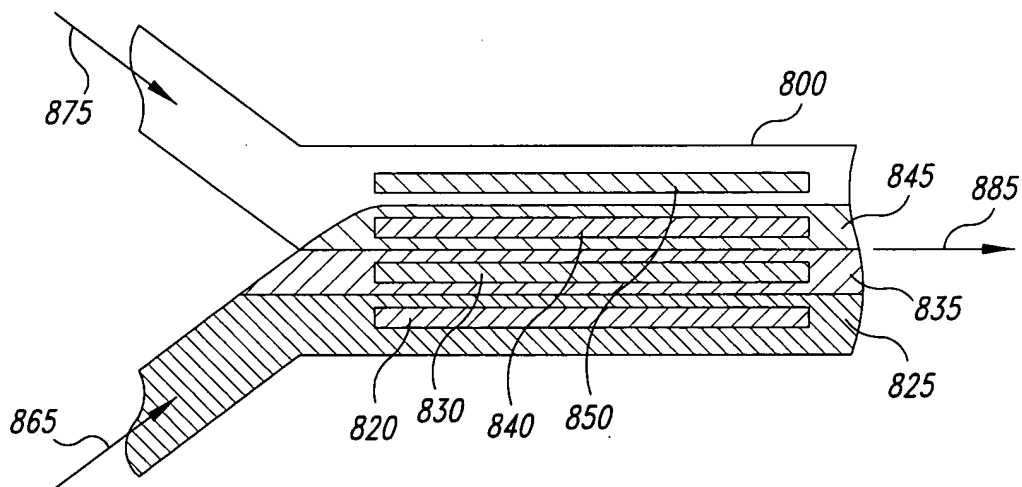


*Fig. 7A*

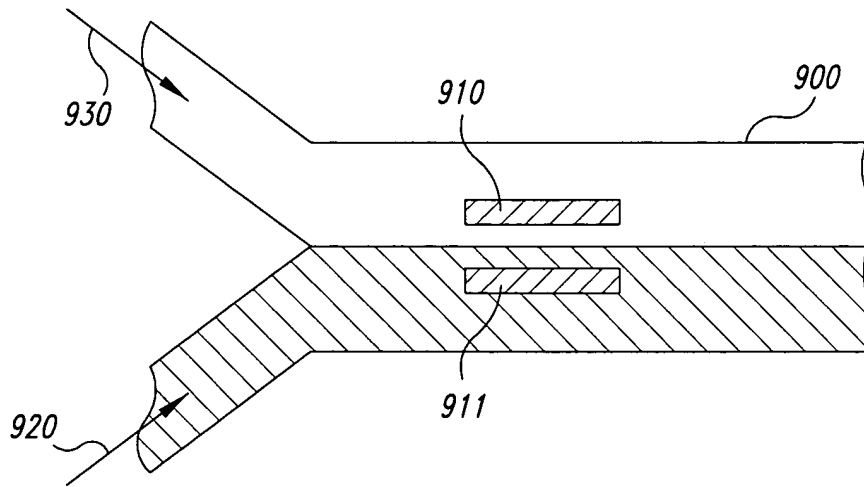


*Fig. 7B*

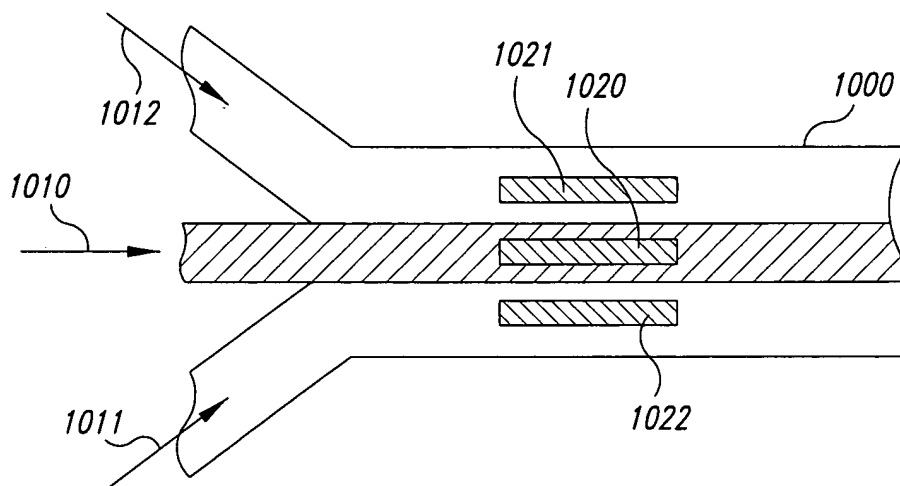




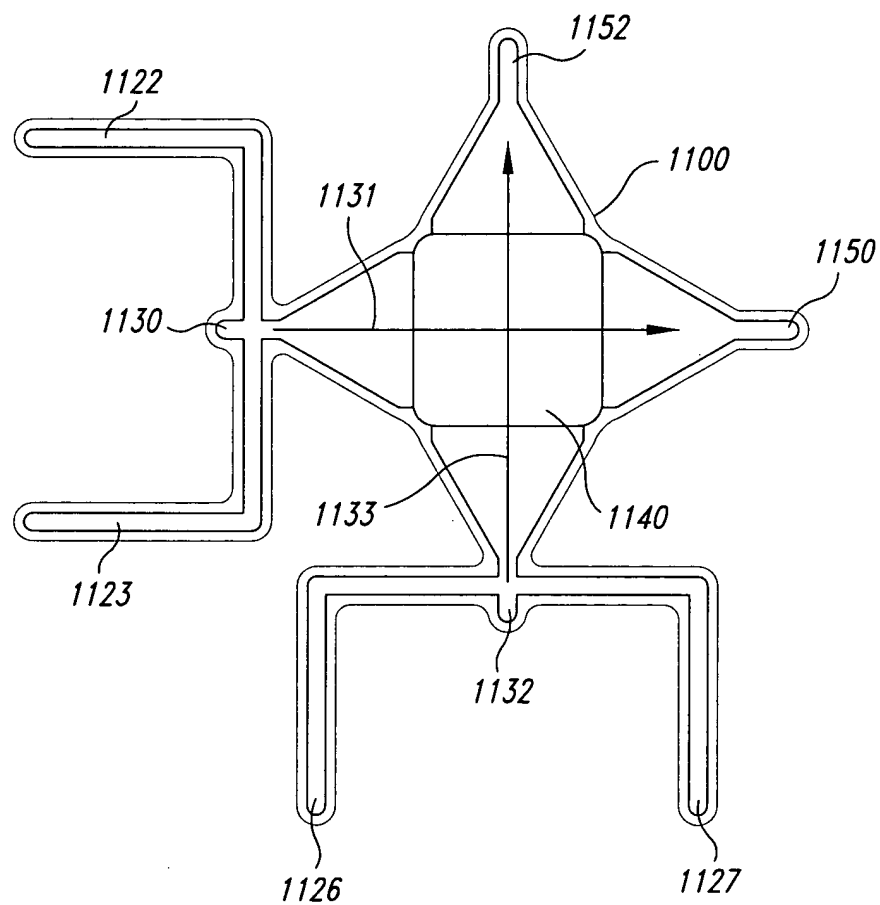
*Fig. 8*



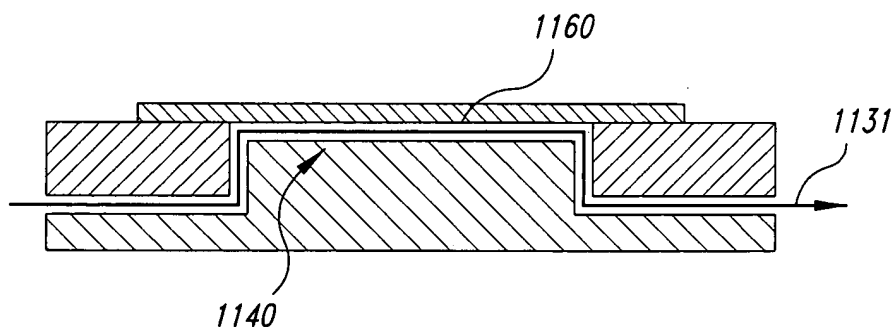
*Fig. 9*



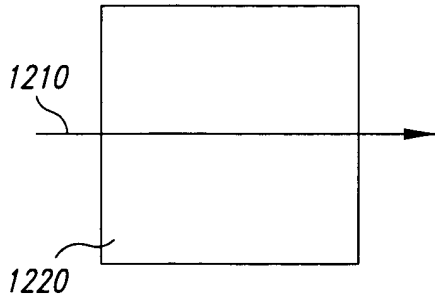
*Fig. 10*



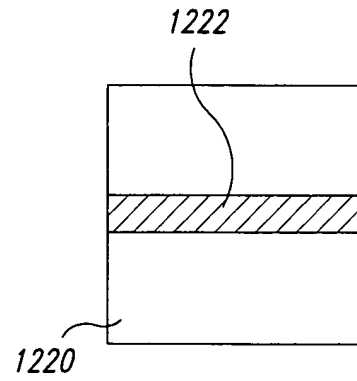
*Fig. 11A*



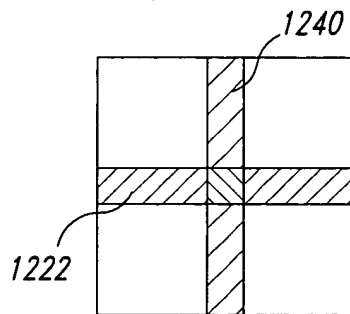
*Fig. 11B*



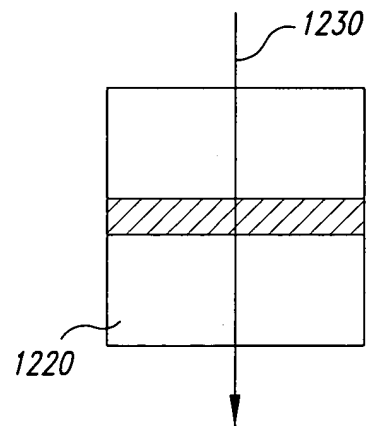
*Fig. 12A*



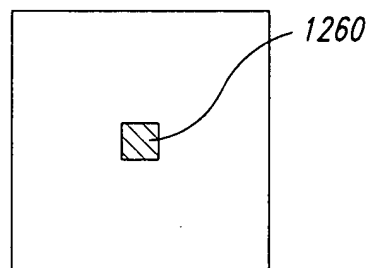
*Fig. 12B*



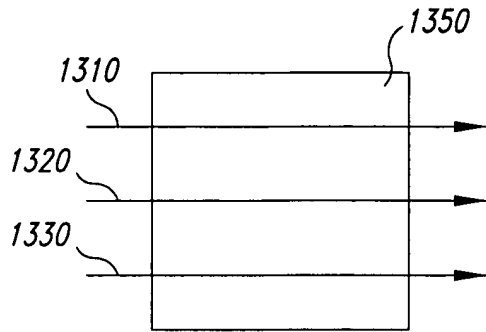
*Fig. 12D*



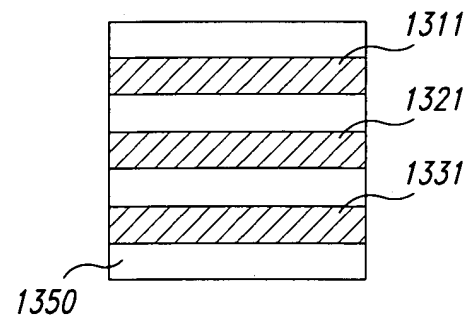
*Fig. 12C*



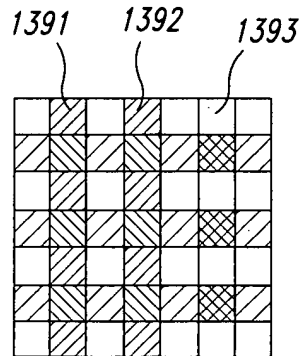
*Fig. 12E*



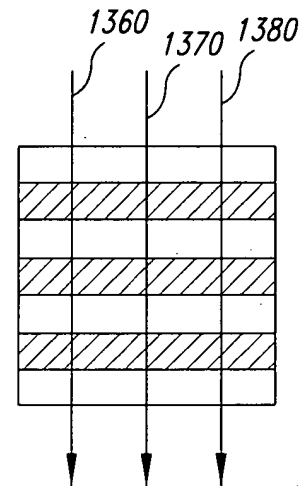
*Fig. 13A*



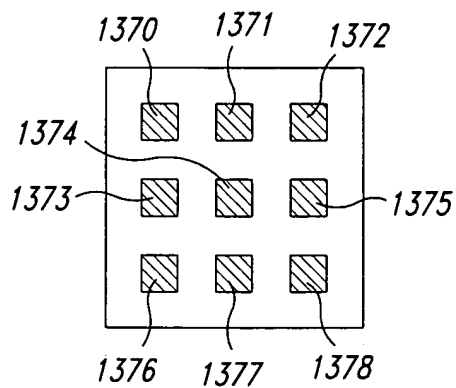
*Fig. 13B*



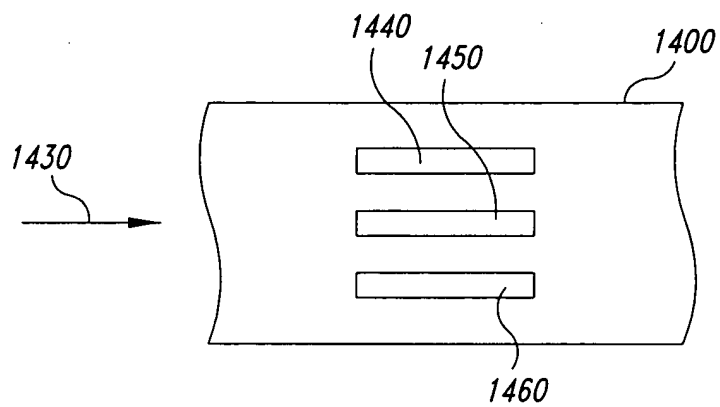
*Fig. 13D*



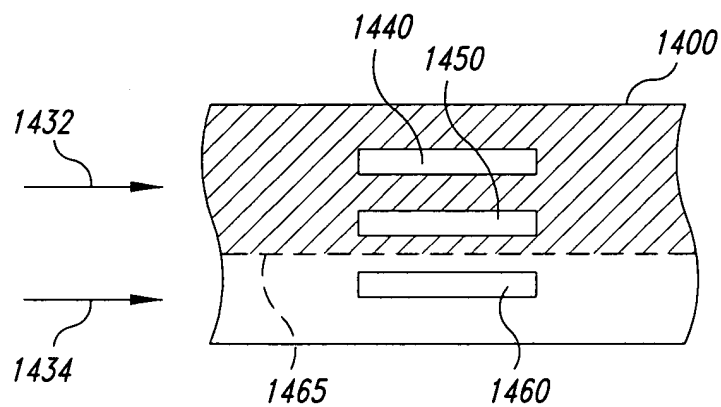
*Fig. 13C*



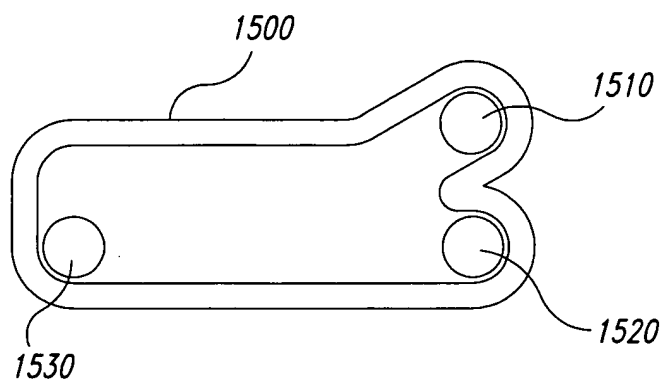
*Fig. 13E*



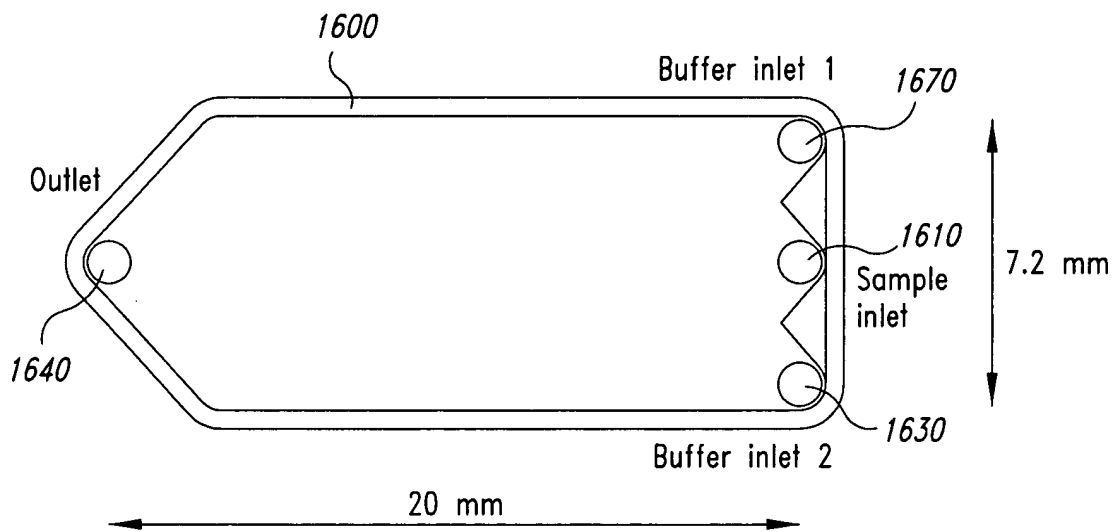
*Fig. 14A*



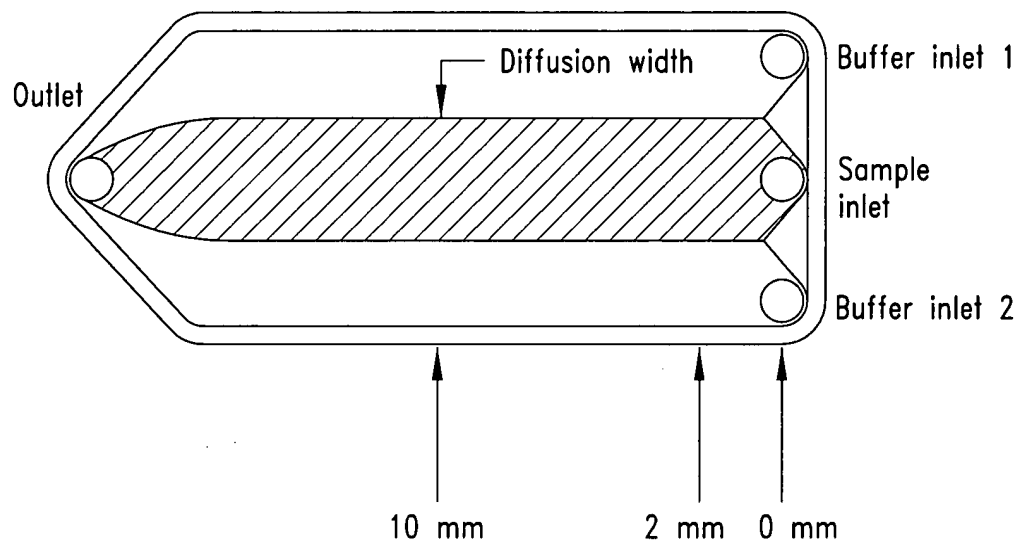
*Fig. 14B*



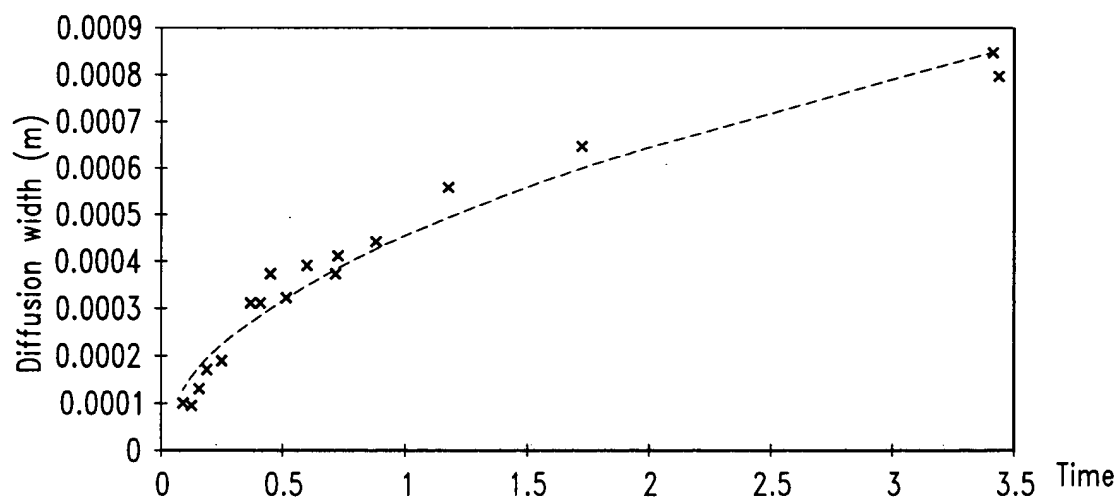
*Fig. 15*



*Fig. 16*

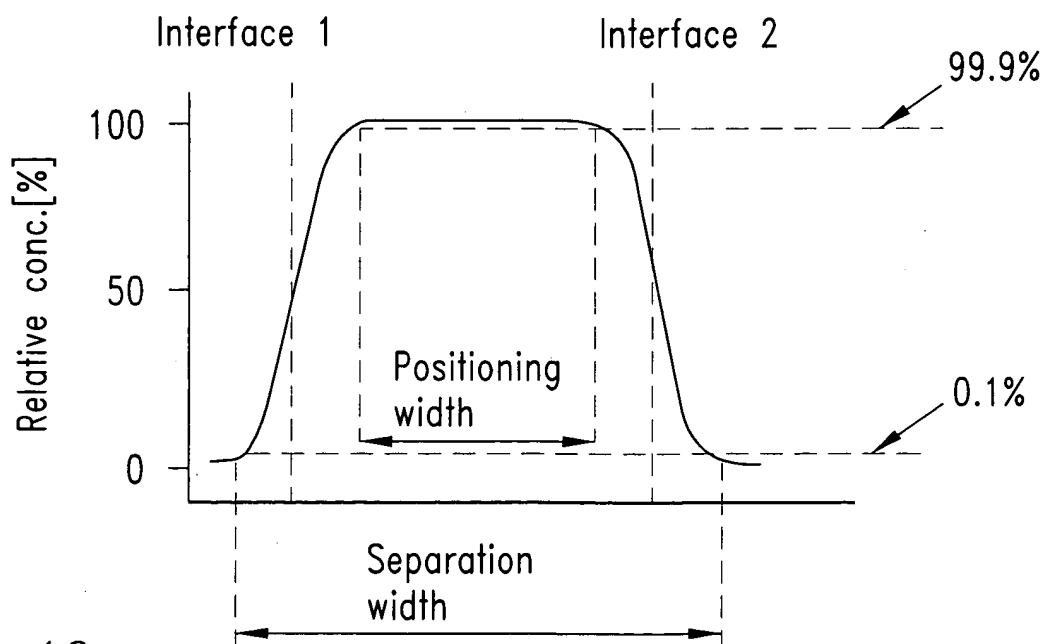
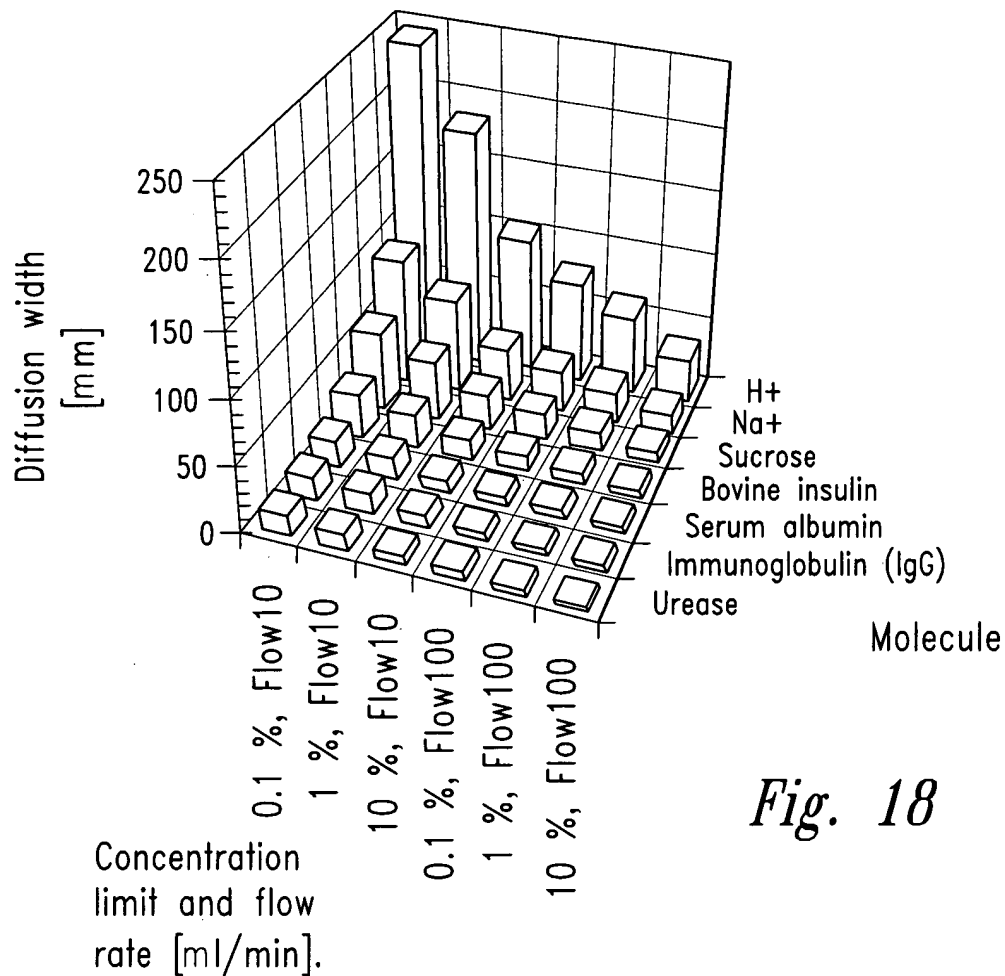


*Fig. 17A*

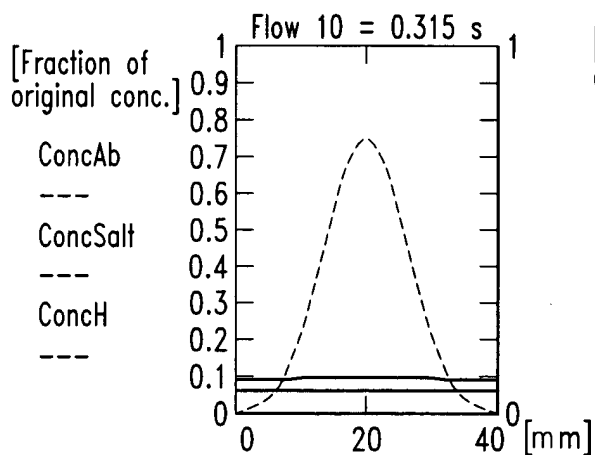


*Fig. 17B*

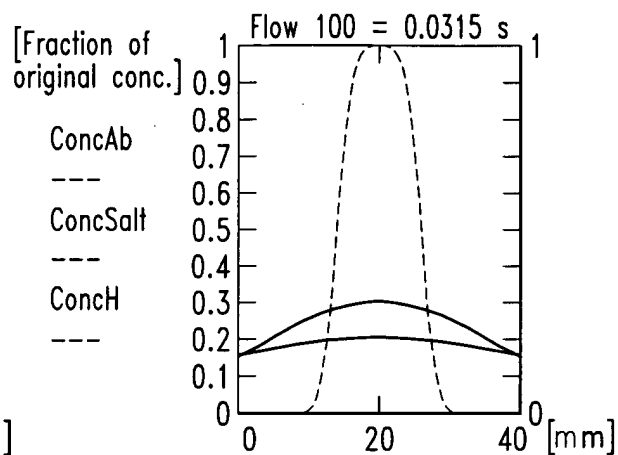




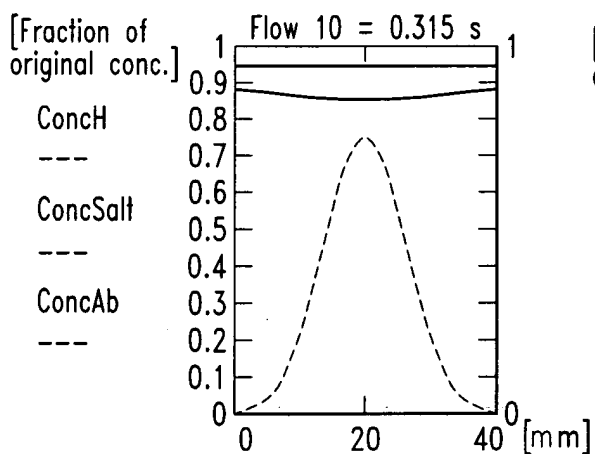
*Fig. 19*



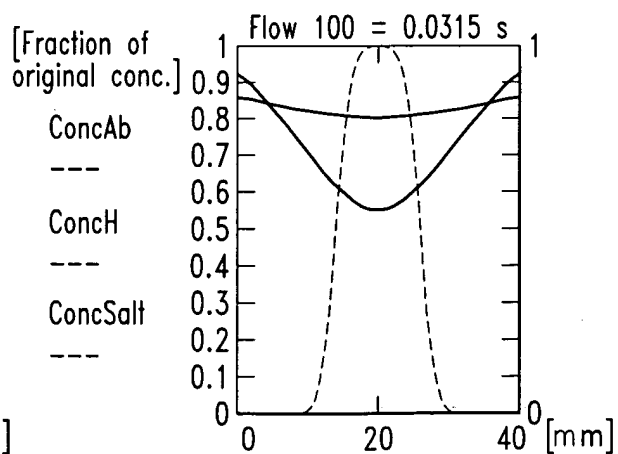
*Fig. 20A*



*Fig. 20B*



*Fig. 20C*



*Fig. 20D*

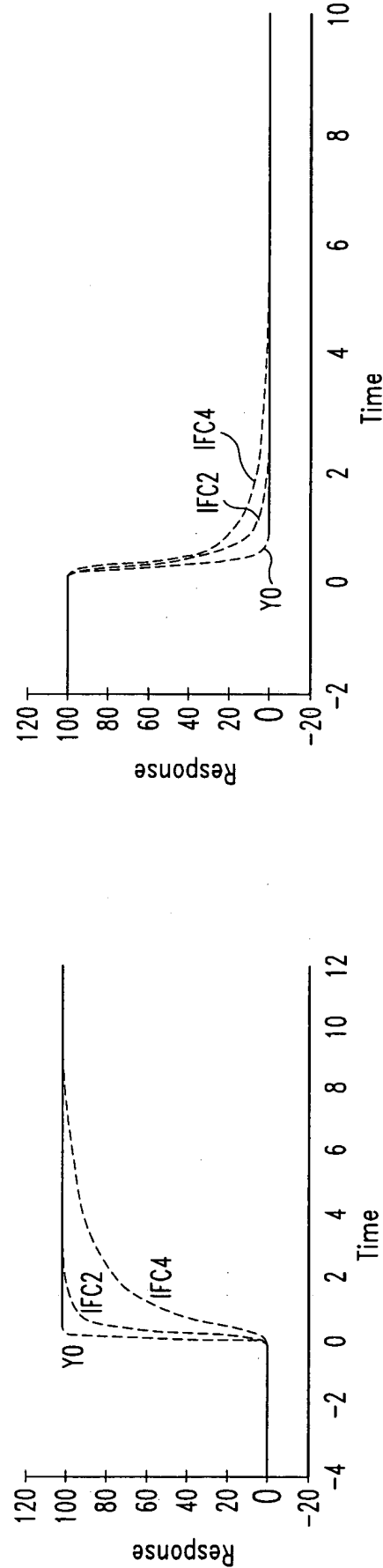


Fig. 21A

Fig. 21B

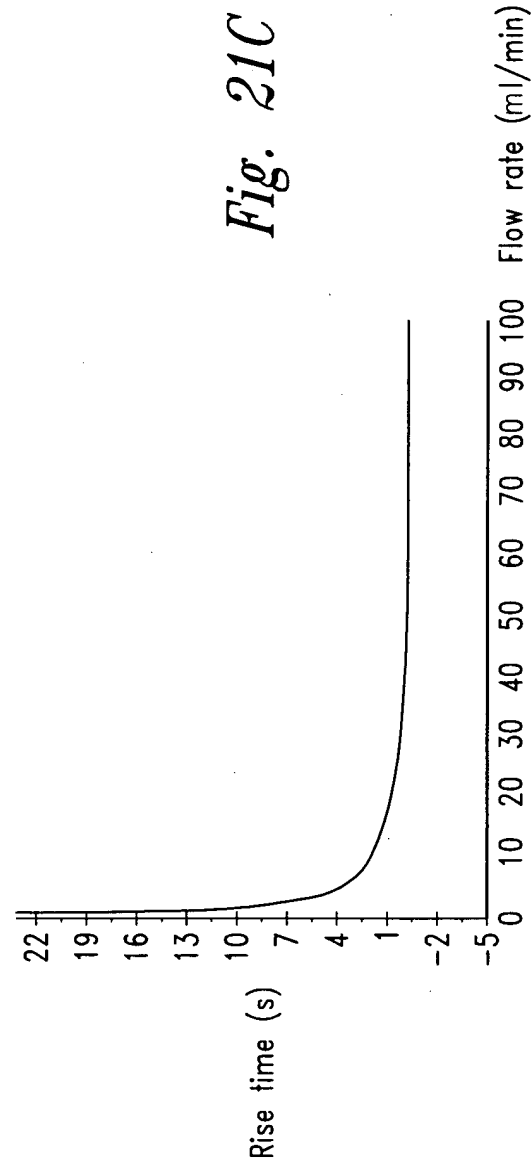
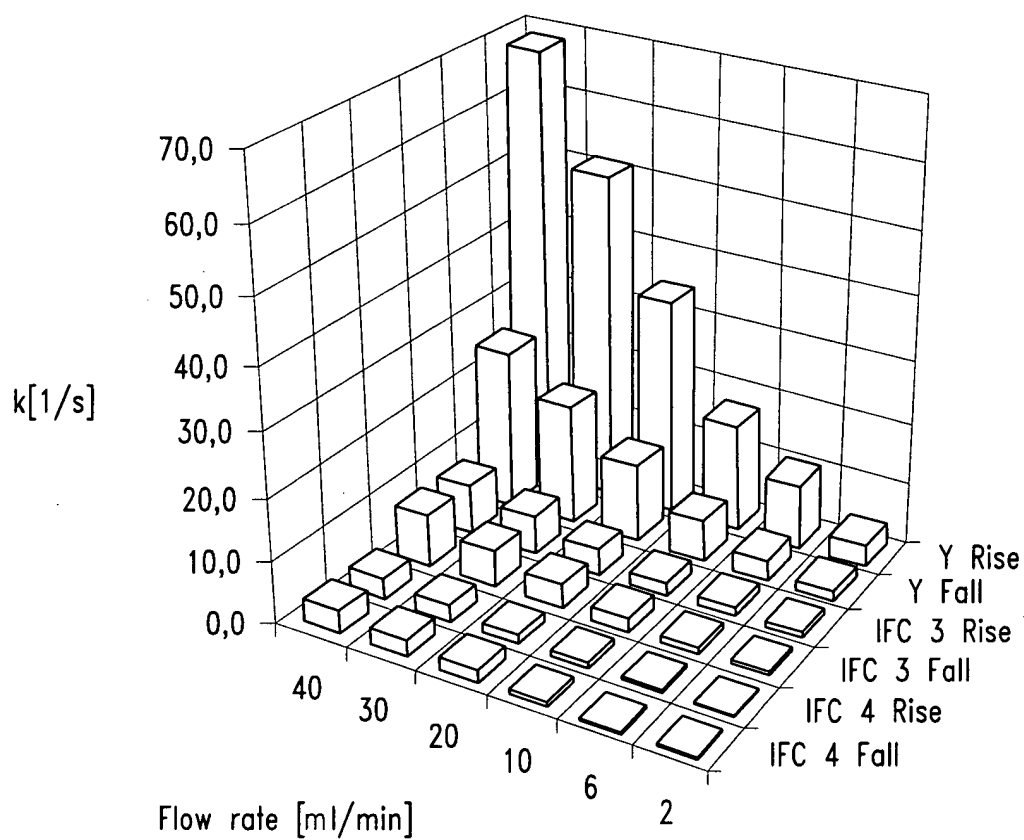


Fig. 21C

## Liquid exchange rate constants [1/s]



*Fig. 22*

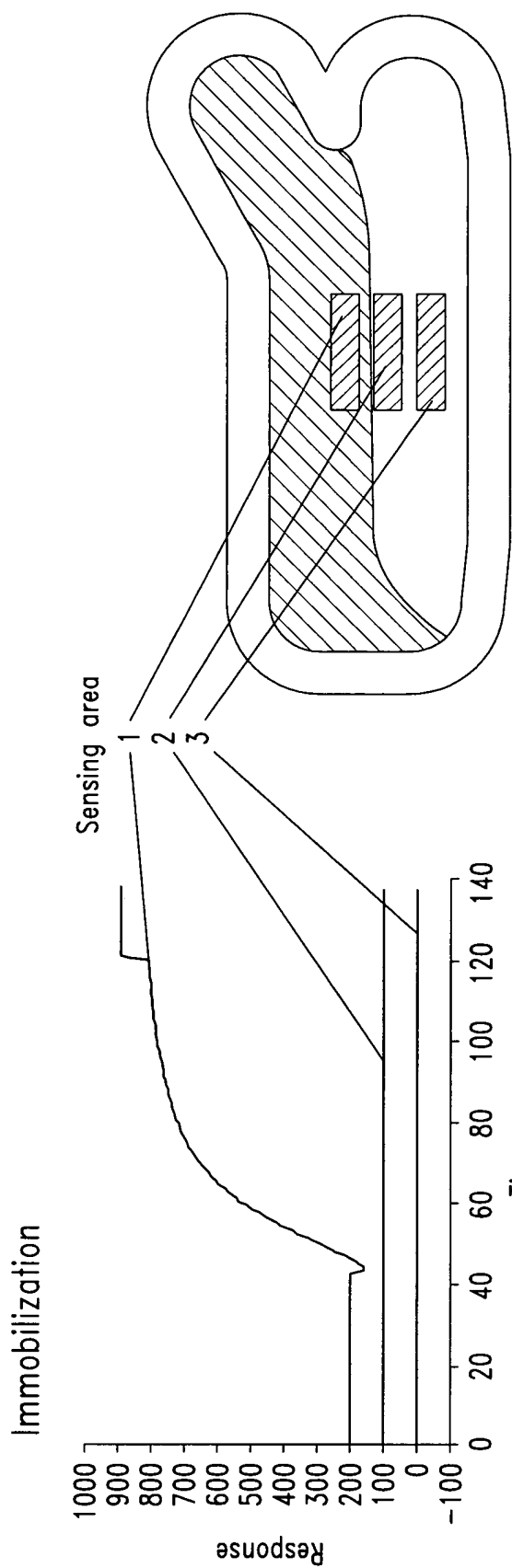


Fig. 23A

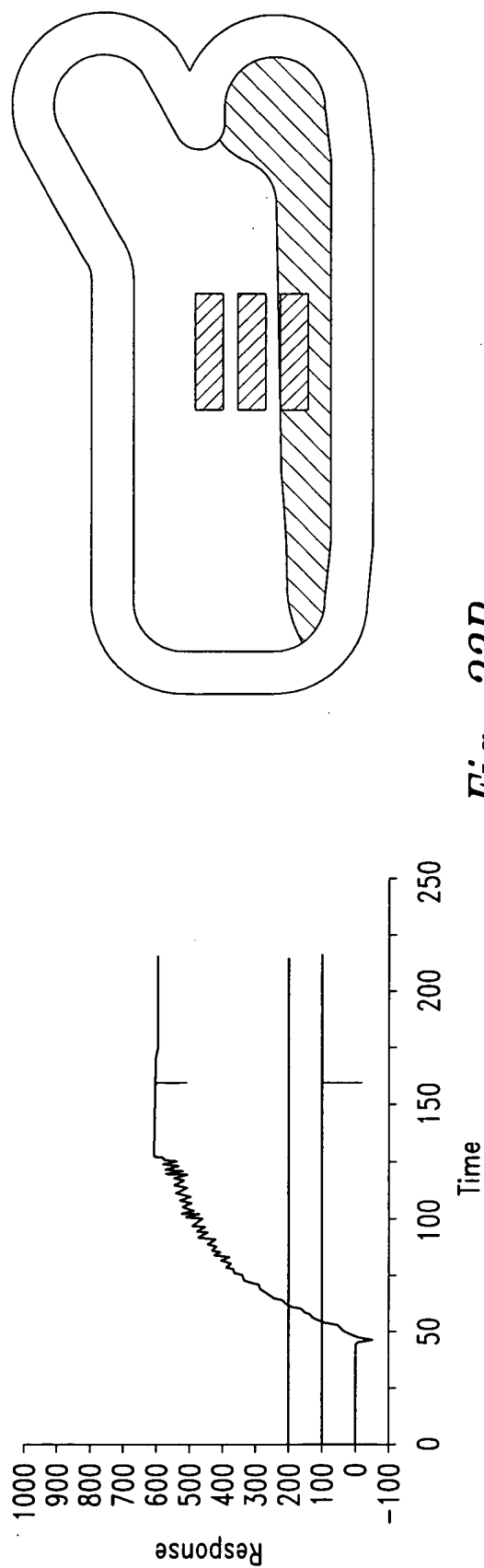


Fig. 23B

Analyte injection.

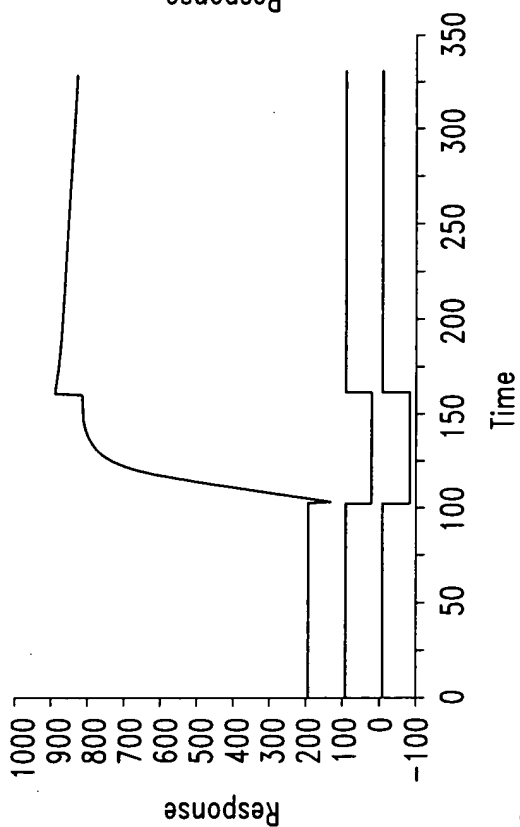


Fig. 23C

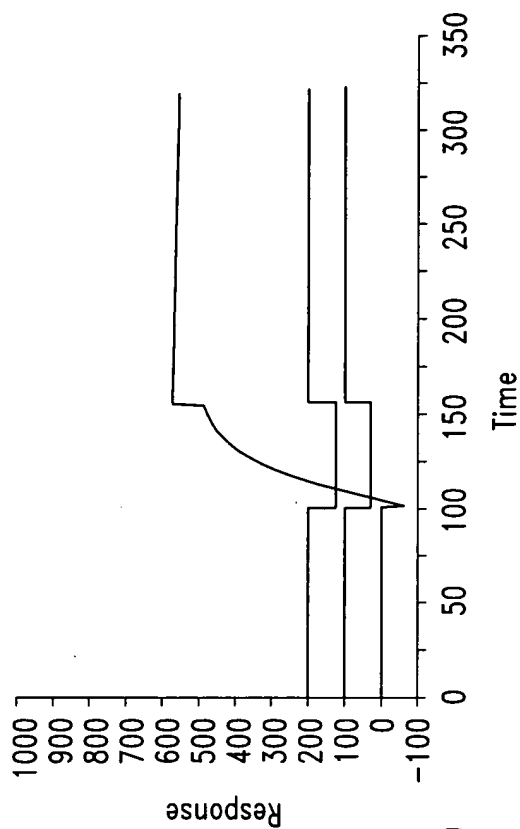


Fig. 23D

Subtracted analyte injection data.

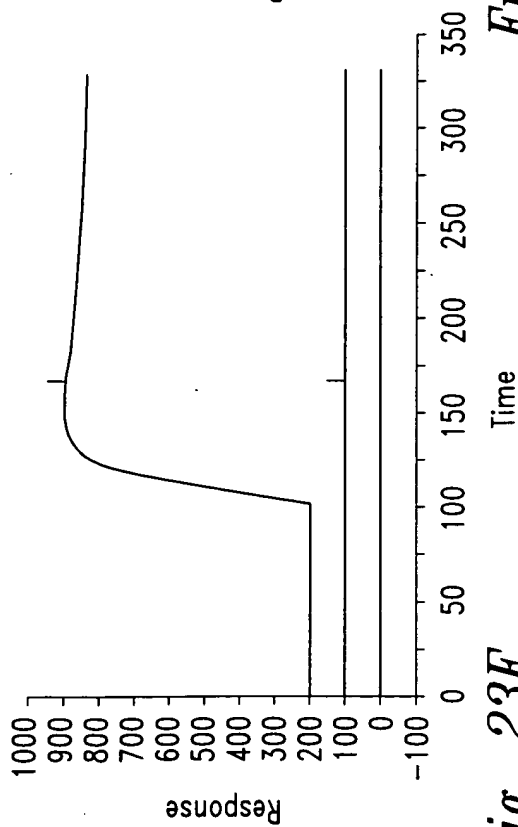


Fig. 23E

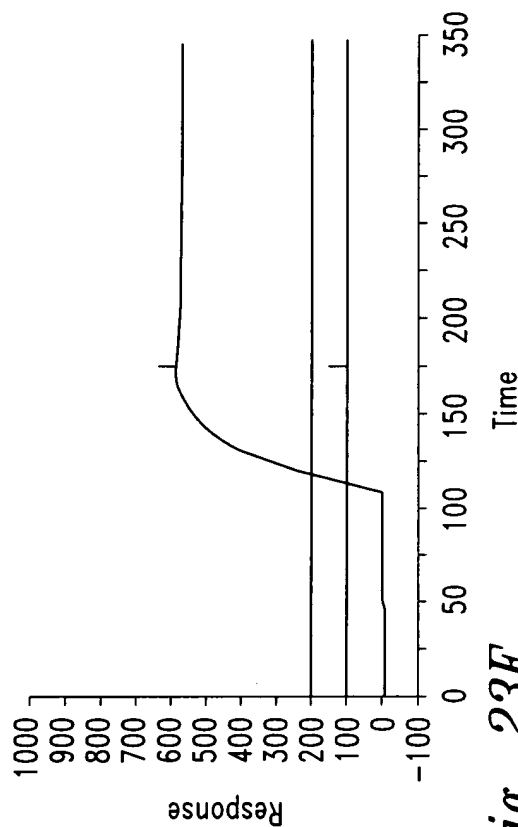


Fig. 23F